

AMENDMENTS TO THE CLAIMS

In accordance with Rule 1.121, a complete claim listing is presented below, including appropriate status identifiers. Changes in the amended claims are shown by strikethrough for deleted material, and by underlining for added material.

1-15. (Cancelled)

16. (Currently Amended) A ceramic coated fiber, comprising:

(a) a fiber, and

(b) ceramic, ~~having a composition different from that of the fiber,~~ coated on the fiber,

wherein the ceramic has a BET surface area of at least 60 m²/g,

the ceramic accounts for 10 to 90% by weight of the ceramic coated fiber, and

the ceramic comprises crystalline ceramic.

17. (Original) The ceramic coated fiber of claim 16, wherein the ceramic comprises TiO₂ and/or TiON having an anatase structure.

18. (Original) The ceramic coated fiber of claim 16, wherein the ceramic comprises at least one member selected from the group consisting of TiO₂, TiON, TiOS, Al₂O₃, ZrO₂, and MgO.

19. (Previously presented) The ceramic coated fiber of claim 16, wherein the ceramic has a BET surface area of 60 m²/g to 300 m²/g.

20. (Cancelled)

21. (Previously presented) The ceramic coated fiber of claim 16, wherein the ceramic further comprises silver and/or palladium.

22-27. (Cancelled)

28. (Original) A ceramic coated fiber, comprising:
 (a) a fiber, and
 (b) ceramic, coated on the fiber,
 wherein the ceramic has a BET surface area of at least 50 m²/g, and
 the ceramic comprises at least one member selected from the group consisting of Al₂O₃, ZrO₂, and MgO.
29. (Previously presented) The ceramic coated fiber of claim 28, wherein the ceramic has a BET surface area of 60 m²/g to 300 m²/g.
30. (Previously presented) The ceramic coated fiber of claim 28, wherein the ceramic accounts for 10 to 90% by weight of the ceramic coated fiber.
31. (Previously presented) The ceramic coated fiber of claim 28, wherein the ceramic further comprises silver and/or palladium.
32. (Previously presented) The ceramic coated fiber of claim 28, wherein the ceramic has a BET surface area of at least 60 m²/g.
33. (Previously presented) The ceramic coated fiber of claim 28, wherein the ceramic has a BET surface area of 60 m²/g to 2000 m²/g.
34. (Previously presented) The ceramic coated fiber of claim 28, wherein the ceramic has a BET surface area of 100 m²/g to 500 m²/g.
35. (Previously presented) The ceramic coated fiber of claim 28, wherein the ceramic has a BET surface area of at least 100 m²/g.
36. (Previously presented) The ceramic coated fiber of claim 16, wherein the ceramic has a BET surface area of 60 m²/g to 2000 m²/g.
37. (Previously presented) The ceramic coated fiber of claim 16, wherein the ceramic has a BET surface area of 100 m²/g to 500 m²/g.
38. (Previously presented) The ceramic coated fiber of claim 16, wherein the ceramic has a BET surface area of at least 100 m²/g.